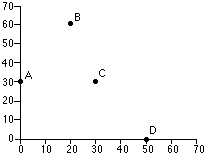
1. A “*change in the y coordinate over a change in the x coordinate*”; or “*rise over run*” refers to:
2. Vertical Change
3. Slope
4. Slope-intercept form
5. Horizontal Change

***Use the graph below to answer questions 2 and 3.***



1. Which point is on the *y-axis*?
2. A
3. B
4. C
5. D
6. Which point is labeled (20, 60)?
7. A
8. B
9. C
10. D
11. Which formula correctly shows the slope-intercept form?
12. a2 + b2 = c2
13. y2 = mx2 + b
14. y + mx = b
15. y = mx + b

***Use the given equation to answer questions 5 and 6.***

|  |
| --- |
| ***y = -3x + 4*** |

1. Describe the slope of this line.
2. Horizontal line passing through -3
3. Vertical line passing through -3
4. Diagonal line moving upward left to right
5. Diagonal line moving downward left to right
6. The y-intercept of this line would be:
7. 4
8. 10
9. -3
10. 3
11. Solve for slope.

***2x + 5y = 15***

1. 2
2. 5
3. -2/5
4. 2/5

***Use the given points to answer questions 8 and 9.***

( -3, 5 ) ( -1, 9 )

1. Given the two points above, calculate the slope of the line.
2. -3
3. -1
4. -2
5. 2
6. Given the two points and the slope from #8, write the equation for the line in slope-intercept form.
7. y = 2x + 11
8. y = -x + 9
9. y = -3x + 5
10. y = -2x + 3
11. Write the equation of the line graphed below.



1. y = x + 3
2. 2y = 2x + 2
3. y = 2x + 2
4. y = x + 2